



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

September 16, 2014

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 14-0358, 35th Avenue Site
Superfund Emergency Response and Removal

FROM: Nancy Seabolt
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Greg Harper

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these dat

Analyses Included in this report:

Method Used:

Semi Volatile Organics (SVOA)

Semivolatile organic compounds
Semivolatile organic compounds

CLP BNA (Soil)
CLP BNA (Water)



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Report Narrative for Work Order C143201, Project: 14-0358

Site Name: 35th Avenue Site, Birmingham, AL
CLP Case No. 44536, ELEMENT Sample Nos. C143201-01 through C143101-57
C143203-01 and C143203-02 (PES only)

Organic Analysis: Spectrum Analytical, Inc., North Kingston, RI

The ESAT Work Team reviewed data for one water field rinsate and 56 soil samples analyzed for Semi-Volatile Extractable Organic Compounds including selective ion monitoring (SIM) per CLP Statement of Work SOM01.2 and modified analyses MA2292.1 and MA2293.1. All samples were analyzed for Polyaromatic Hydrocarbons (PAHs) only, by both full scan and SIM. The samples were collected between 07/17/14 and 07/25/14, and were received by the laboratory between 07/23/14 and 07/26/14. The final data package was received on 08/11/14 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB. The analytical results were reported in four sample delivery groups (SDGs) by the laboratory. Samples C143101-11 and 28 were not analyzed, because they were received broken by the laboratory. In addition to the field samples, the laboratory also analyzed two performance evaluation samples (PES) for evaluating the laboratory's performance with using the methods.

Samples C143201-01 (field rinsate), 02, 16, 17, 18, 19, 20, 46, 47, 48, 49, 50, 51, 52, and 53 were received by the laboratory in a cooler at 16.5°C. Data qualification was not made on this basis.

The laboratory satisfied all technical analysis and extraction holding time requirements. A Stage 4 validation consisting of an electronic/manual review (S4VEM) was performed on the organic samples submitted for this case. The data package presents acceptable technical performance with qualifications.

All results associated with erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier (CLP16 and/or QC-1/QC-2). Deuterated monitoring compounds (DMC) are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

The laboratory did not achieve adequate chromatographic separation to accurately differentiate between Benzo(b)fluoranthene and Benzo(k)fluoranthene in standards, particularly SIM, and in samples for both full scan and SIM analysis. Generally, no valley existed and sometimes no discernible change in slope existed in the hardcopy chromatograms submitted. The laboratory divided the essentially single peak into two parts by dropping a perpendicular line right of the actual peak apex and manually integrating. Results for these two isomers have always been reported from the same analytical run by the reviewer. Positive results for Benzo(b)fluoranthene and Benzo(k)fluoranthene are qualified "CR", due to poor resolution between the isomers.



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Data quality factors requiring qualification of results are discussed below:

Semivolatile Extractables (Full Scan – PAHs only)

The percent recoveries for DMCs were less than their respective lower quality control limit for sample C143201-26. Associated sample results were qualified “J” (QS-3).

The calculated precision for Pyrene exceeded the quality control limit in the MS/MSD performed on sample C143201-26. The Pyrene result in sample C143101-65 was qualified “J” (QM-3).

Semivolatile Extractables (SIM - PAHs Only)

The analytes Anthracene, Indeno(1,2,3-cd)pyrene, and Benzo(g,h,i)perylene were scored as warning low in the soil SIM performance evaluation sample. All soil results for these three analytes were qualified “J” (CLP25).

Area counts for internal standards were less than the lower quality control limit in samples C143201-06, 07, and 11. All results associated with low internal standard responses were qualified “J” (QI-1).

The calculated precision for Acenaphthene exceeded the quality control limits in the MS/MSD performed on samples C143201-24 and 26. The positive Acenaphthene results in samples C143201-24 and 26 were qualified “J” (QM-3).

Results for Benzo(a)pyrene and Indeno(1,2,3-cd)pyrene exceeded the calibration range in the original analysis of sample C143201-11, and for Naphthalene in sample C143201-34, but were not reported in the 10X dilutions performed. The original results were reported and qualified “J” (CLP02).

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

cc: Nardina Turner



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SAMPLES INCLUDED IN THIS REPORT

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID	Laboratory ID	MD#	D#	Matrix	Date Collected
RINSATE #3	C143201-01	8850	8850	Rinse Water Blank	7/25/14 10:00
CV0222B-CS6"	C143201-02		8864	Subsurface Soil	7/17/14 14:10
CV0224A-CS12"	C143201-03	8823	8823	Subsurface Soil	7/22/14 11:10
CV0224A-CS18"	C143201-04	8822	8822	Surface Soil	7/22/14 11:20
CV0224A-CS6"	C143201-05	8821	8821	Surface Soil	7/22/14 11:05
CV0224A-CSD12"	C143201-06	8824	8824	Subsurface Soil	7/22/14 11:15
CV0224B-CS12"	C143201-07	8826	8826	Subsurface Soil	7/22/14 12:40
CV0224B-CS18"	C143201-08	8828	8828	Surface Soil	7/22/14 12:50
CV0224B-CS24"	C143201-09	8829	8829	Surface Soil	7/22/14 13:00
CV0224B-CS6"	C143201-10	8825	8825	Subsurface Soil	7/22/14 12:30
CV0224B-CSD12"	C143201-11	8827	8827	Subsurface Soil	7/22/14 12:45
CV0224C-CS12"	C143201-12	8831	8831	Subsurface Soil	7/22/14 13:25
CV0224C-CS18"	C143201-13	8832	8832	Surface Soil	7/22/14 13:35
CV0224C-CS24"	C143201-14	8833	8833	Surface Soil	7/22/14 13:45
CV0224C-CS6"	C143201-15	8830	8830	Surface Soil	7/22/14 13:15
CV0497B-CS12"	C143201-16	8861	8861	Subsurface Soil	7/24/14 10:50
CV0497B-CS18"	C143201-17	8862	8862	Subsurface Soil	7/24/14 11:00
CV0497B-CS24"	C143201-18	8863	8863	Surface Soil	7/24/14 11:10
CV0497B-CS6"	C143201-19	8859	8859	Surface Soil	7/24/14 10:40
CV0497B-CSD6"	C143201-20	8860	8860	Surface Soil	7/24/14 10:45
CV0748WW-CS12"	C143201-21	8841	8841	Surface Soil	7/23/14 09:10
CV0748WW-CS6"	C143201-22	8840	8840	Surface Soil	7/23/14 09:00
CV0752B-CS12"	C143201-23	8818	8818	Subsurface Soil	7/22/14 09:20
CV0752B-CS18"	C143201-24	8819	8819	Subsurface Soil	7/22/14 09:30
CV0752B-CS24"	C143201-25	8820	8820	Subsurface Soil	7/22/14 09:40
CV0752B-CS6"	C143201-26	8817	8817	Surface Soil	7/22/14 09:10
CV0829B-CS12"	C143201-27	8809	8809	Subsurface Soil	7/21/14 14:25
CV0829B-CS18"	C143201-28	8810	8810	Subsurface Soil	7/21/14 14:35
CV0829B-CS24"	C143201-29	8811	8811	Subsurface Soil	7/21/14 14:45
CV0829B-CS6"	C143201-30	8808	8808	Surface Soil	7/21/14 14:15
CV0829C-CS12"	C143201-31	8814	8814	Subsurface Soil	7/21/14 15:25
CV0829C-CS18"	C143201-32	8815	8815	Subsurface Soil	7/21/14 15:35
CV0829C-CS24"	C143201-33	8816	8816	Subsurface Soil	7/21/14 15:45
CV0829C-CS6"	C143201-34	8812	8812	Surface Soil	7/21/14 15:15



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CV0829C-CSD6"	C143201-35	8813	8813	Surface Soil	7/21/14 15:20
CV0876A-CS12"	C143201-36	8843	8843	Surface Soil	7/23/14 10:50
CV0876A-CS18"	C143201-37	8844	8844	Surface Soil	7/23/14 11:00
CV0876A-CS24"	C143201-38	8845	8845	Surface Soil	7/23/14 11:10
CV0876A-CS6"	C143201-39	8842	8842	Surface Soil	7/23/14 10:40
CV0876B-CS12"	C143201-40	8847	8847	Surface Soil	7/23/14 10:10
CV0876B-CS18"	C143201-41	8848	8848	Surface Soil	7/23/14 10:20
CV0876B-CS24"	C143201-42	8849	8849	Surface Soil	7/23/14 10:30
CV0876B-CS6"	C143201-43	8846	8846	Surface Soil	7/23/14 10:00
FM0161AV-CS12"	C143201-44	8835	8835	Surface Soil	7/22/14 14:40
FM0161AV-CS6"	C143201-45	8834	8834	Surface Soil	7/22/14 14:30
HP0084B-CS12"	C143201-46	8856	8856	Subsurface Soil	7/24/14 09:40
HP0084B-CS18"	C143201-47	8857	8857	Subsurface Soil	7/24/14 09:50
HP0084B-CS24"	C143201-48	8858	8858	Surface Soil	7/24/14 10:00
HP0084B-CS6"	C143201-49	8855	8855	Surface Soil	7/24/14 09:30
HP0098B-CS12"	C143201-50	8852	8852	Subsurface Soil	7/24/14 08:25
HP0098B-CS18"	C143201-51	8853	8853	Subsurface Soil	7/24/14 08:35
HP0098B-CS24"	C143201-52	8854	8854	Surface Soil	7/24/14 08:45
HP0098B-CS6"	C143201-53	8851	8851	Surface Soil	7/24/14 08:15
HP0101B-CS12"	C143201-54	8837	8837	Subsurface Soil	7/22/14 16:00
HP0101B-CS18"	C143201-55	8838	8838	Subsurface Soil	7/22/14 16:10
HP0101B-CS24"	C143201-56	8839	8839	Surface Soil	7/22/14 16:20
HP0101B-CS6"	C143201-57	8836	8836	Surface Soil	7/22/14 15:50



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DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
CLP01	Concentration reported is less than the lowest standard on calibration curve
CLP02	Concentration reported is greater than the highest standard on calibration curve
CLP16	Initial Calibration Response Erratic
CLP25	PE sample recovery scored as warning-low.
CR	Poor resolution between isomers.
J	The identification of the analyte is acceptable; the reported value is an estimate.
QC-1	Analyte concentration low in continuing calibration verification standard
QC-2	Analyte concentration high in continuing calibration verification standard
QI-1	Internal standard was outside of method control limits.
QM-3	Matrix Spike Precision outside method control limits
QM-6	Matrix Spike Recovery less than 10%
QS-3	Surrogate recovery is lower than established control limits.

ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.
MDL	Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
MRL	Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
TIC	Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: RINSATE #3

Lab ID: C143201-01

MD No: 8850 BONNER

Station ID:

Matrix: Rinse Water Blank

D No: 8850 MITKEM

Date Collected: 7/25/14 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
91-57-6	2-Methylnaphthalene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	0.10	U, J, QC-1	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
120-12-7	Anthracene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	0.10	U, J, QC-1	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	0.10	U, J, QC-1	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	0.10	U	ug/L	0.10	7/28/14	8/05/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0222B-CS6"

Lab ID: C143201-02

MD No:

Station ID: CV0222B

Matrix: Subsurface Soil

D No: 8864 MITKEM

Date Collected: 7/17/14 14:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	68		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.4	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	21	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	90		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	43		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	96	J, CR	ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	37	J, CLP25	ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	25	J, CR	ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
218-01-9	Chrysene	230		ug/kg dry	190	7/30/14	8/05/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	17		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	72		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
86-73-7	Fluorene	2.7	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	28	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	43		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	190		ug/kg dry	190	7/30/14	8/05/14	CLP SOM01.2 B
129-00-0	Pyrene	79		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224A-CS12"

Lab ID: C143201-03

MD No: 8823 BONNER

Station ID: CV0224A

Matrix: Subsurface Soil

D No: 8823 MITKEM

Date Collected: 7/22/14 11:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	7.2		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	5.0		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	11	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	68		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	61		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	98	J, CR	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	41	J, CLP25	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	31	J, CLP01, CR	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	60		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	32		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	81		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	38	J, CLP25	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
91-20-3	Naphthalene	7.8		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	38		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	62		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224A-CS18"

Lab ID: C143201-04

MD No: 8822 BONNER

Station ID: CV0224A

Matrix: Surface Soil

D No: 8822 MITKEM

Date Collected: 7/22/14 11:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	5.3		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	12	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	59		ug/kg dry	18	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	36		ug/kg dry	18	7/28/14	8/01/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	67	J, CR	ug/kg dry	18	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	34	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	19	J, CR	ug/kg dry	18	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	51		ug/kg dry	18	7/28/14	8/01/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	16		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	78		ug/kg dry	18	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	37	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	5.5		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	39		ug/kg dry	18	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	61		ug/kg dry	18	7/28/14	8/01/14	CLP SOM01.2 BS



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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224A-CS6"

Lab ID: C143201-05

MD No: 8821 BONNER

Station ID: CV0224A

Matrix: Surface Soil

D No: 8821 MITKEM

Date Collected: 7/22/14 11:05

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	15		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	5.8		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	9.7		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	18	J, CLP25	ug/kg dry	37	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	80		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	59		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	110	J, CR	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	41	J, CLP25	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	33	J, CLP01, CR	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	78		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	29		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	120		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	6.9		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	38	J, CLP25	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
91-20-3	Naphthalene	16		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	76		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	89		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224A-CSD12"

Lab ID: C143201-06

MD No: 8824 BONNER

Station ID: CV0224A

Matrix: Subsurface Soil

D No: 8824 MITKEM

Date Collected: 7/22/14 11:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	10	J, QI-1	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	12		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	5.6		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	35	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	150		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	110		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	160	J, CR	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	72	J, CLP25	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	58	J, CR	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	120		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	27		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	220		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
86-73-7	Fluorene	12		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	66	J, CLP25	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
91-20-3	Naphthalene	18	J, QI-1	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	140		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	210		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224B-CS12"

Lab ID: C143201-07

MD No: 8826 BONNER

Station ID: CV0224B

Matrix: Subsurface Soil

D No: 8826 MITKEM

Date Collected: 7/22/14 12:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	8.2	J, QI-1	ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.9		ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	6.3	J, CLP25	ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	30		ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	20		ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	41	J, CR	ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	25	J, CLP25	ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	12	J, CLP01, CR	ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	34		ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	11		ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	42		ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	27	J, CLP25	ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	6.9	J, QI-1	ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	38		ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS
129-00-0	Pyrene	33		ug/kg dry	3.8	7/28/14	7/31/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224B-CS18"

Lab ID: C143201-08

MD No: 8828 BONNER

Station ID: CV0224B

Matrix: Surface Soil

D No: 8828 MITKEM

Date Collected: 7/22/14 12:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.7	U, J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	20		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	23		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	39	I, CR	ug/kg dry	7.3	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	15	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	12	J, CR	ug/kg dry	7.3	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	21		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	32		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	14	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	19		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
129-00-0	Pyrene	18		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224B-CS24"

Lab ID: C143201-09

MD No: 8829 BONNER

Station ID: CV0224B

Matrix: Surface Soil

D No: 8829 MITKEM

Date Collected: 7/22/14 13:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	19		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.0	U, J, CLP16	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.0	U	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.0	U	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.0	U, J, CLP25	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	20		ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	24		ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	19	J, CR	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	19	J, CLP25	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	32	J, CR	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	17		ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	6.2		ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	25		ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.0	U	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	17	J, CLP25	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.0	U	ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	16		ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	23		ug/kg dry	4.0	7/30/14	8/04/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224B-CS6"

Lab ID: C143201-10

MD No: 8825 BONNER

Station ID: CV0224B

Matrix: Subsurface Soil

D No: 8825 MITKEM

Date Collected: 7/22/14 12:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	9.7		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	7.9		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.6	U	ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.6	U	ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.6	U, J, CLP25	ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	16		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	14		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	18	J, CR	ug/kg dry	7.2	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	9.2	J, CLP25	ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	4.9	J, CLP01, CR	ug/kg dry	7.2	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	24		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	20		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.6	U	ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	8.3	J, CLP25	ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	5.2		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	30		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS
129-00-0	Pyrene	15		ug/kg dry	3.6	7/28/14	7/31/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224B-CSD12

Lab ID: C143201-11

MD No: 8827 BONNER

Station ID: CV0224B

Matrix: Subsurface Soil

D No: 8827 MITKEM

Date Collected: 7/22/14 12:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	8.5	J, QI-1	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	9.2		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	14	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	54		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	68	J, CLP02	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	63	J, CR	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	35	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	24	J, CLP01, CR	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	52		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	17		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	100		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	5.8		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	40	J, CLP02, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	6.1	J, QI-1	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	77		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	68		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224C-CS12"

Lab ID: C143201-12

MD No: 8831 BONNER

Station ID: CV0224C

Matrix: Subsurface Soil

D No: 8831 MITKEM

Date Collected: 7/22/14 13:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	16		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.9	U, J, CLP16	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.9	U	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.9	U	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.4	J, CLP25	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	43		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	57		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	88	I, CR	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	51	J, CLP25	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	32	J, CR	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	55		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	34		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	46		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	47	J, CLP25	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.9	U	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	22		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	35		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224C-CS18"

Lab ID: C143201-13

MD No: 8832 BONNER

Station ID: CV0224C

Matrix: Surface Soil

D No: 8832 MITKEM

Date Collected: 7/22/14 13:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.6		ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	6.0		ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
120-12-7	Anthracene	9.5	J, CLP25	ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	54		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	80		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	110	J, CR	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	86	J, QC-1, CLP25	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	38	J, CR	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	69		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	32		ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	57		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	67	J, CLP25	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	5.3	J, QC-1	ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	31		ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	45		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224C-CS24"

Lab ID: C143201-14

MD No: 8833 BONNER

Station ID: CV0224C

Matrix: Surface Soil

D No: 8833 MITKEM

Date Collected: 7/22/14 13:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.8	U, J, CLP16	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.8	U, J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	16		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	20		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	21	J, CR	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	25	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	12	J, CR	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	13		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	7.7		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	19		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	16	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	12		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	19		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0224C-CS6"

Lab ID: C143201-15

MD No: 8830 BONNER

Station ID: CV0224C

Matrix: Surface Soil

D No: 8830 MITKEM

Date Collected: 7/22/14 13:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	7.8	J, CLP16	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	8.4		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	9.6	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	79		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	82		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	120	J, CR	ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	64	J, CLP25	ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	48	J, CR	ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	100		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	32		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	130		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	63	J, CLP25	ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	9.3		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	58		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	88		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0497B-CS12"

Lab ID: C143201-16

MD No: 8861 BONNER

Station ID: CV0497B

Matrix: Subsurface Soil

D No: 8861 MITKEM

Date Collected: 7/24/14 10:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	8.4		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	18		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	12		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	11		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	30	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	330		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	450		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	530	J, CR, QC-1	ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	480		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	490	J, CR, QC-2	ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
218-01-9	Chrysene	470		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	96		ug/kg dry	36	7/30/14	8/06/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	390		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
86-73-7	Fluorene	6.5		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	340		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
91-20-3	Naphthalene	17		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	130		ug/kg dry	36	7/30/14	8/06/14	CLP SOM01.2 BS
129-00-0	Pyrene	370		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0497B-CS18"

Lab ID: C143201-17

MD No: 8862 BONNER

Station ID: CV0497B

Matrix: Subsurface Soil

D No: 8862 MITKEM

Date Collected: 7/24/14 11:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	12		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	8.3		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	11	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	52		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	65		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	120	J, CR	ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	50	J, CLP25	ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	42	J, CR	ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
218-01-9	Chrysene	80		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	22		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	57		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	45	J, CLP25	ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS
91-20-3	Naphthalene	11		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	35		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	54		ug/kg dry	18	7/30/14	8/06/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0497B-CS24"

Lab ID: C143201-18

MD No: 8863 BONNER

Station ID: CV0497B

Matrix: Surface Soil

D No: 8863 MITKEM

Date Collected: 7/24/14 11:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	2.4	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	1.7	J, CLP01, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	9.3		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	8.0		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	13	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	7.0	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	4.7	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	14		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	2.6	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	11		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	5.7	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	2.5	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	7.3		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	9.0		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0497B-CS6"

Lab ID: C143201-19

MD No: 8859 BONNER

Station ID: CV0497B

Matrix: Surface Soil

D No: 8859 MITKEM

Date Collected: 7/24/14 10:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	5.1		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	18		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	25		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	6.3		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	38	J, CLP25	ug/kg dry	7.0	7/30/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	610		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	930		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1300	J, CR, QC-1	ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	880		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	430	J, QC-2, CR	ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
218-01-9	Chrysene	920		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	300		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
206-44-0	Fluoranthene	720		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
86-73-7	Fluorene	12		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	680		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
91-20-3	Naphthalene	18		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	270		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
129-00-0	Pyrene	750		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0497B-CSD6"

Lab ID: C143201-20

MD No: 8860 BONNER

Station ID: CV0497B

Matrix: Surface Soil

D No: 8860 MITKEM

Date Collected: 7/24/14 10:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	5.1		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	21		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	25		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	6.5		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	43	J, CLP25	ug/kg dry	7.0	7/30/14	8/06/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	520		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	800		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1100	J, QC-1, CR	ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	750		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	410	J, QC-2, CR	ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
218-01-9	Chrysene	810		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
206-44-0	Fluoranthene	650		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
86-73-7	Fluorene	14		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	590		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
91-20-3	Naphthalene	20		ug/kg dry	3.5	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	280		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B
129-00-0	Pyrene	660		ug/kg dry	180	7/30/14	8/05/14	CLP SOM01.2 B



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0748WW-CS12"

Lab ID: C143201-21

MD No: 8841 BONNER

Station ID: CV0748WW

Matrix: Surface Soil

D No: 8841 MITKEM

Date Collected: 7/23/14 9:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	12		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.7	U, J, CLP16	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	6.5	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	30		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	24		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	41	J, CR	ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	33	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	14	J, CR, CLP01	ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	36		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	13		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	58		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	30	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	28		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	39		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS



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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0748WW-CS6"

Lab ID: C143201-22

MD No: 8840 BONNER

Station ID: CV0748WW

Matrix: Surface Soil

D No: 8840 MITKEM

Date Collected: 7/23/14 9:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	11	J, CLP16	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	19		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	26	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	130		ug/kg dry	36	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	120		ug/kg dry	36	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	210	J, CR	ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	85	J, QC-1, CLP25	ug/kg dry	36	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	120	J, CLP01, CR	ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B
218-01-9	Chrysene	190		ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B
53-70-3	Dibeno(a,h)anthracene	30	J, CLP01	ug/kg dry	36	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	280		ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B
86-73-7	Fluorene	6.8		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	75	J, CLP25	ug/kg dry	36	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	8.4		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	92		ug/kg dry	36	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	270		ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0752B-CS12"

Lab ID: C143201-23

MD No: 8818 BONNER

Station ID: CV0752B

Matrix: Subsurface Soil

D No: 8818 MITKEM

Date Collected: 7/22/14 9:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	24		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.4		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	23		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	24	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	110		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	110		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	280	J, CR	ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	67	J, CLP25	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	120	J, CLP01, CR	ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
218-01-9	Chrysene	190		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	37		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	130		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	6.6		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	69	J, CLP25	ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
91-20-3	Naphthalene	24		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	77		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	110		ug/kg dry	37	7/28/14	8/01/14	CLP SOM01.2 BS



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0752B-CS18"

Lab ID: C143201-24

MD No: 8819 BONNER

Station ID: CV0752B

Matrix: Subsurface Soil

D No: 8819 MITKEM

Date Collected: 7/22/14 9:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	14		ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	8.2	J, QM-3	ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	16		ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
120-12-7	Anthracene	29	J, CLP25	ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	69		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	79		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	130	J, CR	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	54	J, QC-1, CLP25	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	49	J, CR	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	90		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	17		ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	95		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	9.7		ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	49	J, CLP25	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	22	J, QC-1	ug/kg dry	3.7	7/30/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	64		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	71		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0752B-CS24"

Lab ID: C143201-25

MD No: 8820 BONNER

Station ID: CV0752B

Matrix: Subsurface Soil

D No: 8820 MITKEM

Date Collected: 7/22/14 9:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.7	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	5.6		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	11		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	24	J, CR	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.9	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	5.6	J, CR	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
218-01-9	Chrysene	6.7		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	6.3		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	6.9	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	4.0		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
129-00-0	Pyrene	4.6		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0752B-CS6"

Lab ID: C143201-26

MD No: 8817 BONNER

Station ID: CV0752B

Matrix: Surface Soil

D No: 8817 MITKEM

Date Collected: 7/22/14 9:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	17		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	15	J, QM-3	ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	33		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	53	J, CLP25	ug/kg dry	39	7/28/14	8/01/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	280		ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	310	J, QS-3	ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	480	J, CR, QS-3	ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	250	J, QS-3	ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	240	J, CR, QS-3	ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B
218-01-9	Chrysene	300		ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	54		ug/kg dry	39	7/28/14	8/01/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	300		ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B
86-73-7	Fluorene	21		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	230	J, QS-3	ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B
91-20-3	Naphthalene	36		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	170		ug/kg dry	39	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	330	J, QM-3	ug/kg dry	200	7/28/14	8/01/14	CLP SOM01.2 B



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829B-CS12"

Lab ID: C143201-27

MD No: 8809 BONNER

Station ID: CV0829B

Matrix: Subsurface Soil

D No: 8809 MITKEM

Date Collected: 7/21/14 14:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.7		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.1	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	30		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	37		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	27	J, CR	ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	30	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	7.5	J, CLP01, CR	ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	25		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	6.5		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	35		ug/kg dry	15	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	28	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.3		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	29		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
129-00-0	Pyrene	30		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829B-CS18"

Lab ID: C143201-28

MD No: 8810 BONNER

Station ID: CV0829B

Matrix: Subsurface Soil

D No: 8810 MITKEM

Date Collected: 7/21/14 14:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	13		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.8		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	14	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	45		ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	23		ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	40	J, CR	ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	14	J, CLP01, CLP25	ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	13	J, CLP01, CR	ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	34		ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	14		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	78		ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	7.4		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	37	J, CLP25	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	67		ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	56		ug/kg dry	19	7/28/14	8/01/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829B-CS24"

Lab ID: C143201-29

MD No: 8811 BONNER

Station ID: CV0829B

Matrix: Subsurface Soil

D No: 8811 MITKEM

Date Collected: 7/21/14 14:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	19		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.1	U	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.1	U	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.1	U	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.1	U, J, CLP25	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	9.8		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	10		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	22	I, CR	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	8.9	J, CLP25	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	6.3	J, CR	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
218-01-9	Chrysene	7.7		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.1	U	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	14		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.1	U	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	8.6	J, CLP25	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.1	U	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	11		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
129-00-0	Pyrene	11		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829B-CS6"

Lab ID: C143201-30

MD No: 8808 BONNER

Station ID: CV0829B

Matrix: Surface Soil

D No: 8808 MITKEM

Date Collected: 7/21/14 14:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	21		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	18		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	14		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	51	J, CLP25	ug/kg dry	7.4	7/28/14	8/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	260		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	290		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	350	J, CR	ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	240		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	250	J, CR	ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
218-01-9	Chrysene	320		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	61		ug/kg dry	7.4	7/28/14	8/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	420		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
86-73-7	Fluorene	20		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	200		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
91-20-3	Naphthalene	19		ug/kg dry	3.7	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	240		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B
129-00-0	Pyrene	390		ug/kg dry	190	7/28/14	7/31/14	CLP SOM01.2 B



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829C-CS12"

Lab ID: C143201-31

MD No: 8814 BONNER

Station ID: CV0829C

Matrix: Subsurface Soil

D No: 8814 MITKEM

Date Collected: 7/21/14 15:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	17		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	7.1		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.6		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.9	U	ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	7.7	J, CLP25	ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	48		ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	29		ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	52	J, CR	ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	30	J, CLP25	ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	14	J, CLP01, CR	ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS
218-01-9	Chrysene	37		ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	21		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	66		ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.6		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	39	J, CLP25	ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	7.7		ug/kg dry	3.9	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	47		ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS
129-00-0	Pyrene	50		ug/kg dry	20	7/28/14	8/01/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829C-CS18"

Lab ID: C143201-32

MD No: 8815 BONNER

Station ID: CV0829C

Matrix: Subsurface Soil

D No: 8815 MITKEM

Date Collected: 7/21/14 15:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	26		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.4	U	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.4	U	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.4	U	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.4	U, J, CLP25	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	8.2		ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	8.8		ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	16	J, CR	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	9.7	J, CLP25	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	4.4	J, CR	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
218-01-9	Chrysene	6.6		ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6	J, CLP01	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	13		ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.4	U	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	7.8	J, CLP25	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.4	U	ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	8.8		ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS
129-00-0	Pyrene	7.6		ug/kg dry	4.4	7/28/14	7/31/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829C-CS24"

Lab ID: C143201-33

MD No: 8816 BONNER

Station ID: CV0829C

Matrix: Subsurface Soil

D No: 8816 MITKEM

Date Collected: 7/21/14 15:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	19		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.0	U, J, CLP25	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	4.0	U, J, CLP25	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
218-01-9	Chrysene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	5.2		ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	4.0	U, J, CLP25	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	4.0	U	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS
129-00-0	Pyrene	3.5	J, CLP01	ug/kg dry	4.0	7/28/14	7/31/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829C-CS6"

Lab ID: C143201-34

MD No: 8812 BONNER

Station ID: CV0829C

Matrix: Surface Soil

D No: 8812 MITKEM

Date Collected: 7/21/14 15:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	20		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	27		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	21		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	22		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	56	J, CLP25	ug/kg dry	41	7/28/14	8/01/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	260		ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	260		ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	350	J, CR	ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	310		ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	190	J, CLP01, CR	ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B
218-01-9	Chrysene	300		ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B
53-70-3	Dibenz(a,h)anthracene	69		ug/kg dry	41	7/28/14	8/01/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	450		ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B
86-73-7	Fluorene	25		ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	130	J, CLP25	ug/kg dry	41	7/28/14	8/01/14	CLP SOM01.2 BS
91-20-3	Naphthalene	44	J, CLP02	ug/kg dry	4.1	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	310		ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B
129-00-0	Pyrene	450		ug/kg dry	210	7/28/14	8/01/14	CLP SOM01.2 B



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0829C-CSD6"

Lab ID: C143201-35

MD No: 8813 BONNER

Station ID: CV0829C

Matrix: Surface Soil

D No: 8813 MITKEM

Date Collected: 7/21/14 15:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	22		%		7/28/14	7/31/14	CLP BNA
91-57-6	2-Methylnaphthalene	28		ug/kg dry	4.2	7/28/14	7/31/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	17		ug/kg dry	4.2	7/28/14	7/31/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	21		ug/kg dry	4.2	7/28/14	7/31/14	CLP SOM01.2 BS
120-12-7	Anthracene	52	J, CLP25	ug/kg dry	42	7/28/14	8/01/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	220		ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	250		ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	330	J, CR	ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	270		ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	140	J, CLP01, CR	ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B
218-01-9	Chrysene	310		ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	64		ug/kg dry	42	7/28/14	8/01/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	390		ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B
86-73-7	Fluorene	22		ug/kg dry	4.2	7/28/14	7/31/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	120	J, CLP25	ug/kg dry	42	7/28/14	8/01/14	CLP SOM01.2 BS
91-20-3	Naphthalene	28		ug/kg dry	4.2	7/28/14	7/31/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	250		ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B
129-00-0	Pyrene	360		ug/kg dry	220	7/28/14	7/31/14	CLP SOM01.2 B



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0876A-CS12"

Lab ID: C143201-36

MD No: 8843 BONNER

Station ID: CV0876A

Matrix: Surface Soil

D No: 8843 MITKEM

Date Collected: 7/23/14 10:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	21		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	140		ug/kg dry	41	7/30/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.1	U	ug/kg dry	4.1	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	52	J, QC-1	ug/kg dry	41	7/30/14	8/05/14	CLP SOM01.2 BS
120-12-7	Anthracene	69	J, CLP25	ug/kg dry	41	7/30/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	330		ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	360		ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	380	J, CR	ug/kg dry	41	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	320		ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	240	J, CR, QC-2	ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B
218-01-9	Chrysene	500		ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	63		ug/kg dry	41	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	560		ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B
86-73-7	Fluorene	7.9		ug/kg dry	4.1	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	240		ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B
91-20-3	Naphthalene	82		ug/kg dry	41	7/30/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	320		ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B
129-00-0	Pyrene	500		ug/kg dry	210	7/30/14	8/05/14	CLP SOM01.2 B



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0876A-CS18"

Lab ID: C143201-37

MD No: 8844 BONNER

Station ID: CV0876A

Matrix: Surface Soil

D No: 8844 MITKEM

Date Collected: 7/23/14 11:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	19		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	53		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	6.0		ug/kg dry	4.0	7/30/14	8/05/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	38	J, CLP01, QC-1	ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
120-12-7	Anthracene	45	J, CLP25	ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	170		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	150		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	220	J, CR	ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	89	J, QC-1, CLP25	ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	91	J, CR	ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	210		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	37		ug/kg dry	4.0	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	300		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	9.8		ug/kg dry	4.0	7/30/14	8/05/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	81	J, CLP25	ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	31	J, CLP01	ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	160		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	220		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0876A-CS24"

Lab ID: C143201-38

MD No: 8845 BONNER

Station ID: CV0876A

Matrix: Surface Soil

D No: 8845 MITKEM

Date Collected: 7/23/14 11:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	17		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	30		ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.9	U	ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	16		ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
120-12-7	Anthracene	19	J, CLP25	ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	44		ug/kg dry	7.8	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	38		ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	62	J, CR	ug/kg dry	7.8	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	27	J, CLP25	ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	24	J, CR	ug/kg dry	7.8	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	59		ug/kg dry	7.8	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	10		ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	58		ug/kg dry	7.8	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	2.1	J, CLP01	ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	26	J, CLP25	ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	20	J, QC-1	ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	38		ug/kg dry	3.9	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	46		ug/kg dry	7.8	7/30/14	8/05/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 14-0356

Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site**Contract Lab Case: 44536****Sample ID: CV0876A-CS6"****Lab ID: C143201-39****MD No: 8842 BONNER****Station ID: CV0876A****Matrix: Surface Soil****D No: 8842 MITKEM****Date Collected: 7/23/14 10:40**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	18		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	150		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	11		ug/kg dry	4.0	7/30/14	8/05/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	66 J, QC-1		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
120-12-7	Anthracene	82 J, CLP25		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	260		ug/kg dry	210	7/30/14	8/01/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	200		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	330 J, CR		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	130 J, CLP25, QC-1		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	110 J, CR		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	300		ug/kg dry	210	7/30/14	8/01/14	CLP SOM01.2 B
53-70-3	Dibeno(a,h)anthracene	52		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	320		ug/kg dry	210	7/30/14	8/01/14	CLP SOM01.2 B
86-73-7	Fluorene	13		ug/kg dry	4.0	7/30/14	8/05/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	120 J, CLP25		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	91		ug/kg dry	40	7/30/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	210		ug/kg dry	210	7/30/14	8/01/14	CLP SOM01.2 B
129-00-0	Pyrene	370		ug/kg dry	210	7/30/14	8/01/14	CLP SOM01.2 B



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0876B-CS12"

Lab ID: C143201-40

MD No: 8847 BONNER

Station ID: CV0876B

Matrix: Surface Soil

D No: 8847 MITKEM

Date Collected: 7/23/14 10:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	15	J, CLP16	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	5.9		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	21		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	20	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	80		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	82		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	110	J, CR	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	67	J, QC-1, CLP25	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	46	J, CR	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	110		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	21	J, CLP01	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	190		ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B
86-73-7	Fluorene	8.5		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	51	J, CLP25	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	9.8		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	94		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	230		ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0876B-CS18"

Lab ID: C143201-41

MD No: 8848 BONNER

Station ID: CV0876B

Matrix: Surface Soil

D No: 8848 MITKEM

Date Collected: 7/23/14 10:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	9.4	J, CLP16	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.2	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	23		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	30		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	31	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	23	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	33	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	27		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	7.5		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	34		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	19	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	5.7		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	31		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	32		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS



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Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0876B-CS24"

Lab ID: C143201-42

MD No: 8849 BONNER

Station ID: CV0876B

Matrix: Surface Soil

D No: 8849 MITKEM

Date Collected: 7/23/14 10:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	7.3		ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.0	J, CLP01	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.1	J, CLP01, CLP25	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	11		ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	6.4		ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	10	J, CR	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.2	J, CLP25	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	3.5	J, CLP01, CR	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	17		ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	1.6	J, CLP01	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	15		ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	4.3	J, CLP25	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.7	J, QC-1	ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	13		ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	13		ug/kg dry	3.8	7/30/14	8/05/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: CV0876B-CS6"

Lab ID: C143201-43

MD No: 8846 BONNER

Station ID: CV0876B

Matrix: Surface Soil

D No: 8846 MITKEM

Date Collected: 7/23/14 10:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	72		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.9	U	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	19		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	27	J, CLP25	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	130		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	120		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	210	J, CR	ug/kg dry	200	7/30/14	8/01/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	84	J, CLP25, QC-1	ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	140	J, CLP01, CR	ug/kg dry	200	7/30/14	8/01/14	CLP SOM01.2 B
218-01-9	Chrysene	220		ug/kg dry	200	7/30/14	8/01/14	CLP SOM01.2 B
53-70-3	Dibeno(a,h)anthracene	33	J, CLP01	ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	260		ug/kg dry	200	7/30/14	8/01/14	CLP SOM01.2 B
86-73-7	Fluorene	9.0		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	71	J, CLP25	ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	41		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	160		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	290		ug/kg dry	200	7/30/14	8/01/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: FM0161AV-CS12"

Lab ID: C143201-44

MD No: 8835 BONNER

Station ID: FM0161AV

Matrix: Surface Soil

D No: 8835 MITKEM

Date Collected: 7/22/14 14:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	8.9		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.6	U, J, CLP16	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.9	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	10		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	16		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	14	J, CR	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	9.5	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	7.8	J, CR	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	8.6		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	21		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	8.4	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	17		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	16		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: FM0161AV-CS6"

Lab ID: C143201-45

MD No: 8834 BONNER

Station ID: FM0161AV

Matrix: Surface Soil

D No: 8834 MITKEM

Date Collected: 7/22/14 14:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	9.2		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.4	J, CLP16	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	5.3	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	32		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	32		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	30	J, CR	ug/kg dry	7.2	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	27	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	11	J, CR	ug/kg dry	7.2	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	30		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	9.6		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	34		ug/kg dry	7.2	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.6	U	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	24	J, CLP25	ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.2		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	24		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	36		ug/kg dry	3.6	7/30/14	8/04/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0084B-CS12"

Lab ID: C143201-46

MD No: 8856 BONNER

Station ID: HP0084B

Matrix: Subsurface Soil

D No: 8856 MITKEM

Date Collected: 7/24/14 9:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	8.1		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	2.4	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.5	J, CLP01, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	14		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	15		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	36	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	19	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	11	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	26		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	7.0		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	22		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	14	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	9.5		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	20		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	15		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0084B-CS18"

Lab ID: C143201-47

MD No: 8857 BONNER

Station ID: HP0084B

Matrix: Subsurface Soil

D No: 8857 MITKEM

Date Collected: 7/24/14 9:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	6.3		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	2.9	J, CLP01, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	9.6		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	11		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	25	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	13	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	7.1	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	19		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	5.1		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	14		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	9.9	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	6.1		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	14		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	11		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0084B-CS24"

Lab ID: C143201-48

MD No: 8858 BONNER

Station ID: HP0084B

Matrix: Surface Soil

D No: 8858 MITKEM

Date Collected: 7/24/14 10:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	5.2		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	2.0	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	2.8	J, CLP01, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	7.1		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	8.4		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	17	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	10	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	4.8	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	12		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	3.8		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	12		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	7.7	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	5.2		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	13		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	8.0		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0084B-CS6"

Lab ID: C143201-49

MD No: 8855 BONNER

Station ID: HP0084B

Matrix: Surface Soil

D No: 8855 MITKEM

Date Collected: 7/24/14 9:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	32		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	2.6	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	8.3		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	17	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	47		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	48		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	98	J, CR	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	51	J, QC-1, CLP25	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	36	J, CLP01, CR	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	95		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	33		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	100		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.0	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	41	J, CLP25	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	32		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	80		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	66		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0098B-CS12"

Lab ID: C143201-50

MD No: 8852 BONNER

Station ID: HP0098B

Matrix: Subsurface Soil

D No: 8852 MITKEM

Date Collected: 7/24/14 8:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	5.2		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	5.6		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	7.5	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	22		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	24		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	49	J, CR	ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	30	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	17	J, CR	ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	34		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	12		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	22		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	27	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	5.6		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	16		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	20		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0098B-CS18"

Lab ID: C143201-51

MD No: 8853 BONNER

Station ID: HP0098B

Matrix: Subsurface Soil

D No: 8853 MITKEM

Date Collected: 7/24/14 8:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	5.0		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.6	J, CLP01	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.0	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	10		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	22		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	24	J, CR	ug/kg dry	7.5	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	16	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	7.7	J, CR	ug/kg dry	7.5	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	18		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	6.0		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	9.5		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	15	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.3		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	8.1		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	10		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0098B-CS24"

Lab ID: C143201-52

MD No: 8854 BONNER

Station ID: HP0098B

Matrix: Surface Soil

D No: 8854 MITKEM

Date Collected: 7/24/14 8:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.7	U, J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	2.0	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	6.0	J, CR	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	2.7	J, CLP01, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
218-01-9	Chrysene	3.1	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	2.6	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	J, CLP01, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	2.3	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	2.8	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	2.8	J, CLP01	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0098B-CS6"

Lab ID: C143201-53

MD No: 8851 BONNER

Station ID: HP0098B

Matrix: Surface Soil

D No: 8851 MITKEM

Date Collected: 7/24/14 8:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	32		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	2.5	J, CLP01	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	25		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	36	J, CLP25	ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	85		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	120		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	220	J, CR	ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	87	J, QC-1, CLP25	ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	76	J, CR	ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	130		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	34		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	88		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.3		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	81	J, CLP25	ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	29		ug/kg dry	3.9	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	58		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	85		ug/kg dry	39	7/30/14	8/05/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0101B-CS12"

Lab ID: C143201-54

MD No: 8837 BONNER

Station ID: HP0101B

Matrix: Subsurface Soil

D No: 8837 MITKEM

Date Collected: 7/22/14 16:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	12	J, CLP16	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.0		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	18		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	23	J, CLP25	ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	120		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	110		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	180	J, CR	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	85	J, CLP25	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	70	J, CR	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	150		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	69		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	200		ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B
86-73-7	Fluorene	7.3		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	76	J, CLP25	ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	8.7		ug/kg dry	3.7	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	100		ug/kg dry	37	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	220		ug/kg dry	190	7/30/14	8/01/14	CLP SOM01.2 B



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0101B-CS18"

Lab ID: C143201-55

MD No: 8838 BONNER

Station ID: HP0101B

Matrix: Subsurface Soil

D No: 8838 MITKEM

Date Collected: 7/22/14 16:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/30/14	8/04/14	CLP BNA
91-57-6	2-Methylnaphthalene	5.4		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	9.2		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	10	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	37		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	29		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	50	J, CR	ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	21	J, QC-1, CLP25	ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	21	J, CR	ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	46		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	15		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	64		ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	36	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
91-20-3	Naphthalene	8.7		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	33		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
129-00-0	Pyrene	40	J, QM-6	ug/kg dry	15	7/30/14	8/05/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0101B-CS24"

Lab ID: C143201-56

MD No: 8839 BONNER

Station ID: HP0101B

Matrix: Surface Soil

D No: 8839 MITKEM

Date Collected: 7/22/14 16:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.8	U, J, CLP16	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.0		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.5		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	15	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	54		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	43		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	66	J, CR	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	25	J, QC-1, CLP25	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	25	J, CR	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	60		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibeno(a,h)anthracene	21		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	94		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	6.7		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	26	J, CLP25	ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.8		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	57		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	64		ug/kg dry	19	7/30/14	8/05/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0358, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0358, 35th Avenue Site

Contract Lab Case: 44536

Sample ID: HP0101B-CS6"

Lab ID: C143201-57

MD No: 8836 BONNER

Station ID: HP0101B

Matrix: Surface Soil

D No: 8836 MITKEM

Date Collected: 7/22/14 15:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/30/14	8/01/14	CLP BNA
91-57-6	2-Methylnaphthalene	25	J, CLP16	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	6.7		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	17		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
120-12-7	Anthracene	21	J, CLP25	ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	110		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	98		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	190	J, CR	ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	77	J, CLP25	ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	68	J, CR	ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
218-01-9	Chrysene	170		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	38		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	200		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
86-73-7	Fluorene	7.7		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	72	J, CLP25	ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
91-20-3	Naphthalene	26		ug/kg dry	3.8	7/30/14	8/04/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	130		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS
129-00-0	Pyrene	140		ug/kg dry	38	7/30/14	8/05/14	CLP SOM01.2 BS